

# Geosyntec<sup>®</sup>

consultants

## SPECIFICATION COVER SHEET

**Client:** Gowanus Canal Remedial  
Design Group

**Project:** Gowanus Canal – 4<sup>th</sup> St  
Turning Basin Pilot Study –  
Dredging and Capping

**Project #:** HPH106A

**SPECIFICATION SECTION:**

01 60 00

**TITLE:**

PRODUCT REQUIREMENTS

**SPECIFICATION PREPARED BY:**  
(Specification Preparer, SP)

Signature



Name

Lauren Wellborn

5/19/2017

Date

**SCOPE AND FORMAT CHECKED  
BY:**  
(Scope and Format Checker, SFC)

Signature



Name

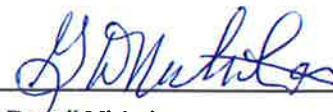
Jessica Fears

5/19/17

Date

**DETAILED REQUIREMENTS  
CHECKED BY:**  
(Detailed Requirements Checker, DRC)

Signature



Name

Darrell Nicholas

5/19/17

Date

**APPROVED BY:**  
(Specification Approver, SA)

Signature



Name

J.F. Beech

19/MAY 2017

Date

### Record of Revision (Number and initial all revisions)

Rev. No.	Reason	Date	By	Checked	Approval
0	TB4 Pilot Study Design – Issued for Bid	05/19/17	LSW	JMF	JFB

## **SECTION 01 60 00**

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## **SECTION 01 60 00**

### **PRODUCT REQUIREMENTS**

#### **PART 1 GENERAL**

##### **1.01 SUMMARY**

- A. The Contractor shall be responsible for providing necessary products and implementing proper transport and handling of products as specified herein.

##### **1.02 RELATED SECTIONS**

- A. Section 01 32 00 Construction Progress Documentation
- B. Section 01 33 00 Submittals
- C. Section 01 35 29 Health, Safety, and Emergency Response Requirements
- D. Contract Documents

##### **1.03 SUBMITTALS**

- A. The Contractor shall submit the following to the Owner's Representative in accordance with Section 01 33 00:
  - 1. Product substitution requests:
    - a. Complete product data substantiating compliance of proposed substitutions with Contract Document requirements shall be included in request. Limit each request to one proposed substitution;
    - b. Submit shop drawings, product data, and certified test results attesting to the proposed product equivalence; and
    - c. The Owner's Representative will notify Contractor, in writing, of decision to accept or reject requests.
  - 2. Product inventory reporting requirements shall be submitted in accordance with Section 01 32 00.

##### **1.04 DEFINITIONS**

- A. Products. Products include materials, equipment, components, fixtures, systems, and assemblies forming the Work. Products may also include existing materials or

components required for reuse. Products do not include machinery and equipment used for preparation, fabrication, conveying, and installation of the Work.

## **1.05 HEALTH AND SAFETY REQUIREMENTS**

- A. The Contractor shall comply with environmental health and safety/training requirements in accordance with the approved Health and Safety Plan and Section 01 35 29.

## **PART 2 PRODUCTS**

### **2.01 PRODUCT OPTIONS**

- A. Where products are specified by reference standards or by description-only in Construction Documents, the Contractor may select any products meeting those standards or description.
- B. Where products are specified by naming one or more manufacturers with a provision for substitution (or equivalent) in Construction Documents, the Contractor may submit a written request for substitution for any manufacturer not named.

## **PART 3 EXECUTION**

### **3.01 GENERAL**

- A. Products may not be brought on Site without the approval of the Owner's Representative.
- B. The Contractor must remove non-approved products at the Contractor's sole expense.
- C. Excess products that have not been approved for payment shall remain the property of the Contractor and shall be removed from the Site at the Contractor's expense.

### **3.02 PRODUCT SUBSTITUTIONS**

- A. The Owner's Representative will consider requests for substitution after date established in the Notice to Proceed according to Section 01 33 00.
- B. Substitutions may be considered when a specified product becomes unavailable through no fault of the Contractor.
- C. A Product Substitution Request constitutes a representation that the Contractor:
  - 1. Has investigated the proposed product and determined that it meets or exceeds the quality level of the specified product and the performance criteria specified and intended for originally specified products;

2. Will provide the same warranty for the substitution as for the specified product;
  3. Will coordinate installation and make changes to other work which may be required for the Work to be complete and operational with no additional cost to the Owner;
  4. Will waive claims for additional costs and time extension which may subsequently become apparent; and
  5. Will reimburse the Owner's Representative for review or redesign associated with acceptance of the substitute product unless the specified product becomes unavailable through no fault of the Contractor.
- D. Substitutions will not be considered without a written request despite their indication or implication on shop drawings or product data submittals. Substitutions will not be considered when acceptance of the substitution will require revisions to the Construction Documents except as specified in Part 3.02,C,5.
- E. The Contractor shall submit requests for substitution for consideration according to Section 01 33 00.

### **3.03 TRANSPORTATION AND HANDLING**

- A. Transport and handle products in accordance with manufacturer's instructions.
- B. Promptly inspect shipments to ensure that products comply with requirements, that quantities are correct, and that delivered products are undamaged.
- C. Provide proper equipment and skilled personnel to handle products by methods to prevent product soiling, disfigurement, or damage.

### **3.04 STORAGE AND PROTECTION**

- A. Store and protect products in accordance with manufacturer's instructions and maintain all seals and labels intact and legible.
- B. Store products in temperature controlled environments when necessary to prevent freezing and heat damage. Comply with manufacturers' instructions regarding temperature at which products should be stored.
- C. Store products in moisture-tight enclosures when moisture can detrimentally affect the quality of the product.
- D. For exterior storage of fabricated products, place on sloped supports, above ground.
- E. Cover products subject to deterioration with impervious sheet covering. Provide proper ventilation to prevent condensation. Maintain coverage until product is used or removed from site.



- F. Arrange storage of products to permit access for inspection. Periodically inspect to ensure products are undamaged and maintained under specified conditions.
- G. All material installed but not in operation shall be considered in storage and shall be protected accordingly.
- H. The Contractor shall replace all products which are damaged at no additional cost to the Owner.

[END OF SECTION]